Product information
OCTOPUS I - Fast Ethernet - OCTOPUS 8TX-EEC

Industrial Ethernet:Waterproof IP67/IP54 Switches:OpenOCTOPUS:Configurators:OCTOPUS I - Fast Ethernet	
https://e-catalog.beldensolutions.com:443/link/57078-24455-49850-351255-437124-498932/en/OS20-000800T5T5TIYUHHXX.X/uistate	
Name	**OCTOPUS I - Fast Ethernet**
	Unmanaged IP 65 / IP 67 switch in accordance with IEEE 802.3, store-and-forward-switching, Fast-Ethernet (10/100 MBit/s) ports, electrical Fast-Ethernet (10/100 MBit/s) M12-ports
Delivery informations	
Availability	available
Notes	
Example image.	All specifications must be determined from the user documentation. This information is subject to change without notice.
Product description	
Description	Unmanaged IP 65 / IP 67 switch in accordance with IEEE 802.3, store-and-forward-switching, Fast-Ethernet (10/100 MBit/s) ports, electrical Fast-Ethernet (10/100 MBit/s) M12-ports
Port type and quantity	8 ports in total; uplink ports: 10/100 BASE-TX, M12 "D"-coding, 4-pole; 8 x 10/100 BASE-TX; TP-cable, auto-crossing, auto-negotiation, auto-polarity.
Type	OCTOPUS 8TX-EEC
Order No.	942 150-001
More Interfaces	
Power supply/signaling contact	1 x M12 5-pin connector, A coding, no signaling contact
V.24 interface	n/a
USB interface	1 x M12 5-pin socket, A coding
Network size - length of cable	
Twisted pair (TP)	0 - 100 m
Network size - cascadibility	
Line - / star topology	any
Ring structure (HIPER-Ring) quantity switches	n/a
Software	
Diagnostics	LEDs (power, link status, data)
Configuration	Switch: aging time, Qos 802.1p mapping, QoS DSCP mapping. Pro Port: port state, flow control, broadcast mode, multicast mode, jumbo frames, QoS trust mode, port-based priority, auto-negociation, data rate, duplex mode, auto-crossing, MDI state
Security	n/a
Ambient conditions	
Operating temperature	-40 ℃ ... 70 ℃
Storage/transport temperature	-40 ℃ ... 85 ℃
Relative humidity (also condensing)	5 % ... 100 %
Mechanical construction	
Dimensions (W x H x D)	60 mm x 200 mm x 31 mm
Mounting	Wall mounting
Weight	470 g
Protection class	IP65, IP67
Mechanical stability	
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
EMC interference immunity	
EN 61000-4-3 electromagnetic field	20 V/m
EN 61000-4-4 fast transients (burst)	2 kV power line, 4 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 2 kV data line
EMC emitted immunity	
FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
EN 55022	EN 55022 Class A

Approvals	
Basis Standard	CE, EAC, Australian Regulatory Compliance Mark (RCM)
Safety of industrial control equipment	cUL61010-2-201
Hazardous locations	ISA 12.12.01 Class 1 Div. 2
Employment in vehicles	E1
Electronic mechanisms on rail-mounted vehicles	EN 50155, EN 45545, EN 50121-4
Scope of delivery and accessories	
Scope of delivery	1 × Transport protection cap for supply voltage connection, 7 × Protection cap for M12 socket, M12-connector (ELWIKA 5012 PG7) for power connection, description and operating instructions
Note	Please note that some recommended accessory parts only support a temperature range from -25 ℃ to +70 ℃ and might limit the possible operating conditions for the entire system.
Accessories to order separately	M12 conector, "D"-coded (934 445-001); 2 m cordset with M12-connector, "D"-coded (934 578-001); 5 m cordset with M12-connectors, "D"-coded (934 578-002); 10 m cordset with M12-connectors, "D"-coded (934 578-003); Bulkhead M12 "D"-coded to RJ45 (934 498-001); OCTOPUS dust cover set (25 pieces) (942 057-001),

For more information please contact:

Hirschmann Automation and Control GmbH

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: inet-sales@belden.com